

## Assignment #1

1. Give details of any ten operational remote sensing satellites including the following details
  - a. Launch date and mission objectives
  - b. Spatial, Spectral, Radiometric and Temporal resolutions of various sensors on board
  - c. Any other special features of the satellite

List of satellites should be so chosen that, there will be examples of satellites which have high resolution of one of the four characteristics listed above (For example: NOAA AVHRR has very high radiometric resolution; QuickBird has very high spatial resolution etc)

2. What are the advantages of using satellite imagery ? Can you identify some disadvantages ?
3. In some instances, it may be necessary to form a mosaic of several satellite scenes by matching several images together at the edges. List some of the problems that you expect to encounter as you prepare the mosaic.